

Title (en)

DRIVE UNIT FOR A HYBRID MOTOR VEHICLE A WITH VARIABLE OUTPUT TRANSMISSION RATIO

Title (de)

ANTRIEBSEINHEIT FÜR HYBRIDKRAFTFAHRZEUG MIT VARIABLER ABTRIEBSÜBERSETZUNG

Title (fr)

UNITÉ D'ENTRAÎNEMENT POUR VÉHICULE AUTOMOBILE HYBRIDE MUNIE D'UNE TRANSMISSION DE SORTIE VARIABLE

Publication

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Application

EP 18814484 A 20181115

Priority

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Abstract (en)

[origin: WO2019105504A1] The invention relates to a drive unit (1) for a drivetrain (2) of a hybrid motor vehicle, having an internal combustion engine (3), a first electric machine (4), a second electric machine (7) which, with respect to its rotor (8) is arranged coaxially with respect to a rotational axis (6) of a rotor (5) of the first electric machine (4), a first transmission stage (9) arranged between a drive component (11) which is or can be coupled in a rotationally fixed fashion to an output shaft (10) of the internal combustion engine (3), and a power shaft (12, 13) of the first electric machine (4) and/or of the second electric machine (7), and a transmission component unit (14) via which the power shaft (12, 13) of the respective electric machine (4, 7) is or can be coupled to wheel driveshafts (15a, 15b), wherein the drive component (11) of the internal combustion engine (3) is coupled to an intermediate gear unit (17) via a second transmission stage (16), wherein the intermediate gear unit (17) has an integrated clutch (18) and is further connected to the wheel driveshafts (15a, 15b) in such a way that, depending on the position of this clutch (18), the internal combustion engine (3) is coupled to the wheel driveshaft (15a, 15b) via at least the second transmission stage (16) or is decoupled from these wheel driveshafts (15a, 15b).

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2019105504A1

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